

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Schiffbauer

Application No. Not yet assigned

Filed: Concurrently herewith

For: NON-DIRECTIONAL MAGNET FIELD BASED
PROXIMITY RECEIVER WITH MULTIPLE
WARNING AND MACHINE SHUTDOWN
CAPABILITY

#1/4 Pre-
Amendment A
Am
10/7/03

BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the above application as follows:

In the Specification:

At page 1, line 3, add this paragraph:

--Related Application Information

This patent application claims the benefit of provisional U.S. Patent Application No. 60/243,641, filed October 26, 2000, which is hereby incorporated herein by reference.--

Page 2, replace the paragraph starting at line 14 with the following:

So, especially in the close quarters of a mine entry, it is important to know, as precisely as possible, when the operator or other personnel are within a safe distance of operating machinery or when they have entered the danger zone. To that end, U.S. Patent No. 5,939,986 entitled "Mobile Machine Hazardous Working Zone Warning System" to Schiffbauer et al., issued August 17, 1999, teaches a warning system for mobile working machinery that includes loop antennas that are distributed about mining machinery to define a warning zone. The direction of the radiation from each loop is perpendicular to that loop. The shape of the zone is determined by the shape of each loop antenna field decreases with one over the cube of the distance from the loop. A personnel warning device and receiver is worn by a protected